

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002550

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 C07D 401/14**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 07 C07D 401/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
STN (Reg, CA)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 92/7844 A1 (PFIZER INC.) 14 May 1992 (See the whole document)	1-9
A	JP 05-43544 A2 (NISSHIN FLOUR MILLING CO., LTD.) 23 February 1993 (See the Abstract)	1-9
A	SHOUMING WANG, et al., 'Studies on Quinazolinones as Dual Inhibitors of Pgp and MRP1 in Multidrug Resistance', Bioorganic & Medicinal Chemistry Letters, 2002, Vol.12, No.4, pp.571-4 (See the whole document)	1-9
A	BORREL, MARIE NICOLE, et al., 'Mobile ionophores are a novel class of P-glycoprotein inhibitors. The effects of ionophores on 4'-O-tetrahydropyranyladriamycin incorporation in K562 drug-resistant cells', European Journal of Biochemistry, 1994, Vol.233, No.1, pp125-33 (See the Abstract)	1-9
A	HAIT, WILLIAM N., et al., 'Rational design and preclinical pharmacology of drugs for reversing multidrug resistance', Biochemical Pharmacology, 1992, Vol.43, No.1, pp.103-7 (See the Abstract)	1-9

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

11 JANUARY 2005 (11.01.2005)

Date of mailing of the international search report

12 JANUARY 2005 (12.01.2005)

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/002550

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 92/7844 A1	14.05.92	US 5444062 A	22.08.95
		JP 05507290 T2	21.10.93
		EP 556310 B1	05.07.95
		DE 69111077 T2	02.11.95
		CN 1061411 A	27.05.92
JP 05043544 A2	23.02.93	JP 03223193 B2	29.10.01